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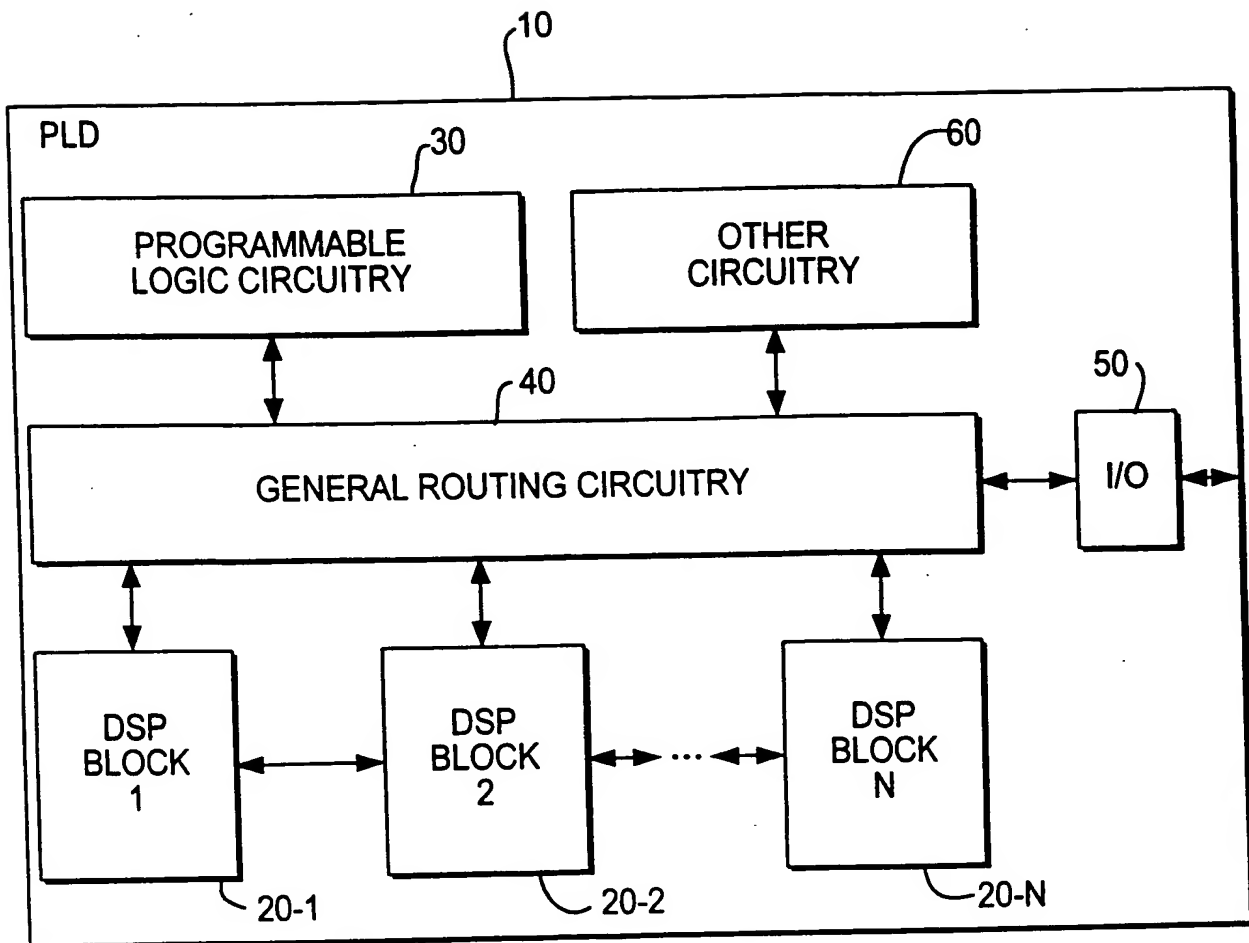


FIG. 1

FROM GENERAL ROUTING CIRCUITRY 40

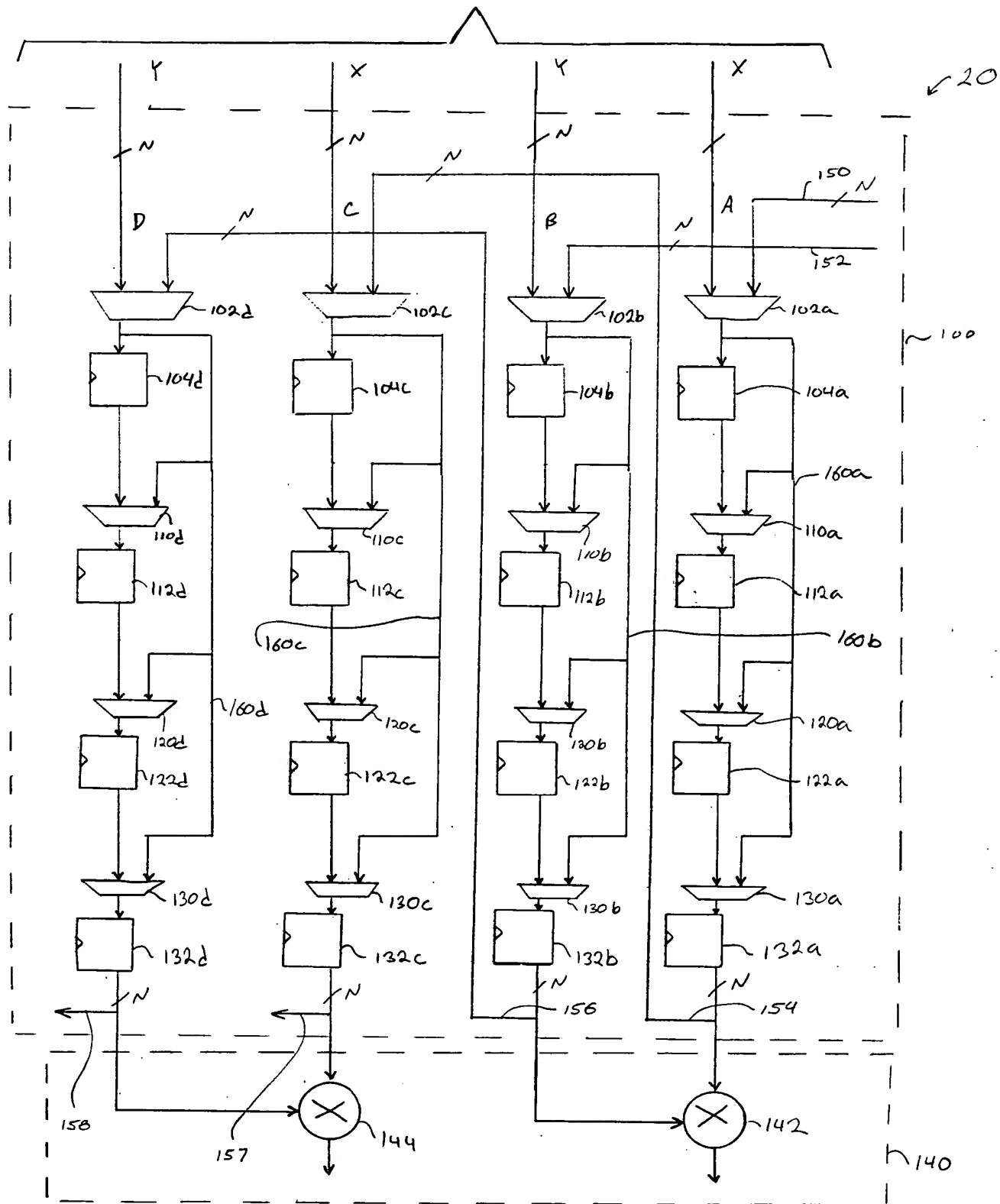


FIG. 2

| REG       | REG       | REG       | REG       | REG       | REG       | REG                 |
|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|
| 104a 104b | 112a 112b | 122a 122b | 132a 132b | 104c 104d | 112c 112d | 122c 122d 132c 132d |

$t_0$  0 0

$t_1$  1 1 0 0

$t_2$  2 2 1 1 0 0

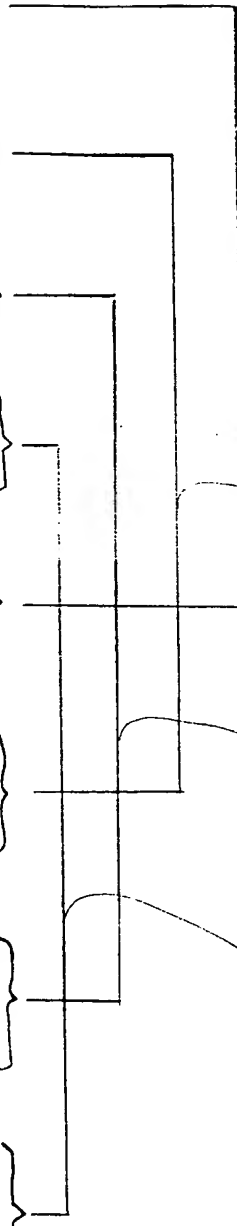
$t_3$  3 3 2 2 1 1 0 0

$t_4$  0' 0' 3 3 2 2 1 1 0 0

$t_5$  1' 1' 0' 0' 3 3 2 2 1 1 0 0

$t_6$  2' 2' 1' 1' 0' 0' 3 3 2 2 1 1 0 0

$t_7$  3' 3' 2' 2' 1' 1' 0' 0' 3 3 2 2 1 1 0 0



Received by Utilization Circuitry at  $t_8$

Received by Utilization Circuitry at  $t_9$

Received by Utilization Circuitry at  $t_{10}$

Received by Utilization Circuitry at  $t_{11}$

FIG. 3

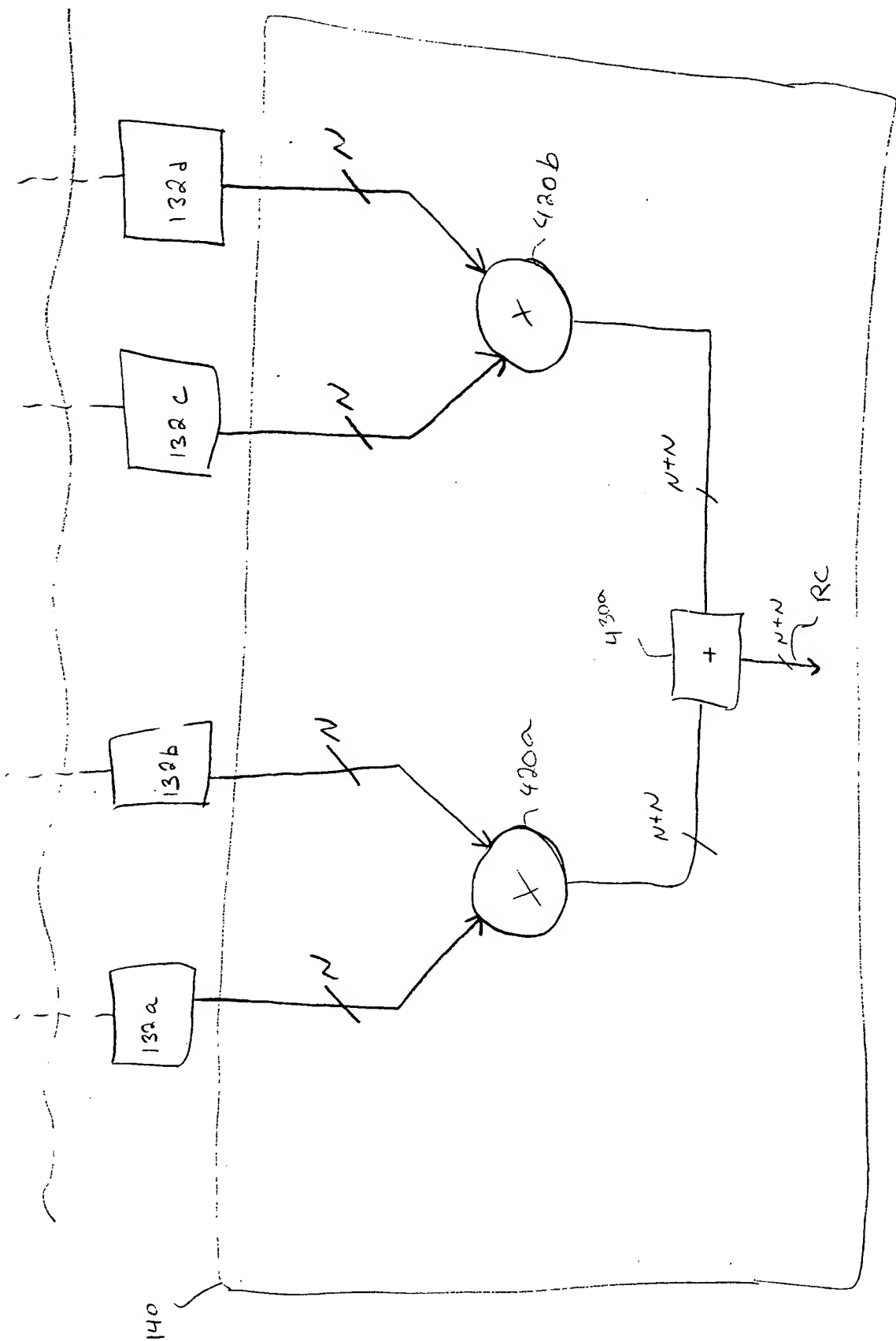


FIG. 4

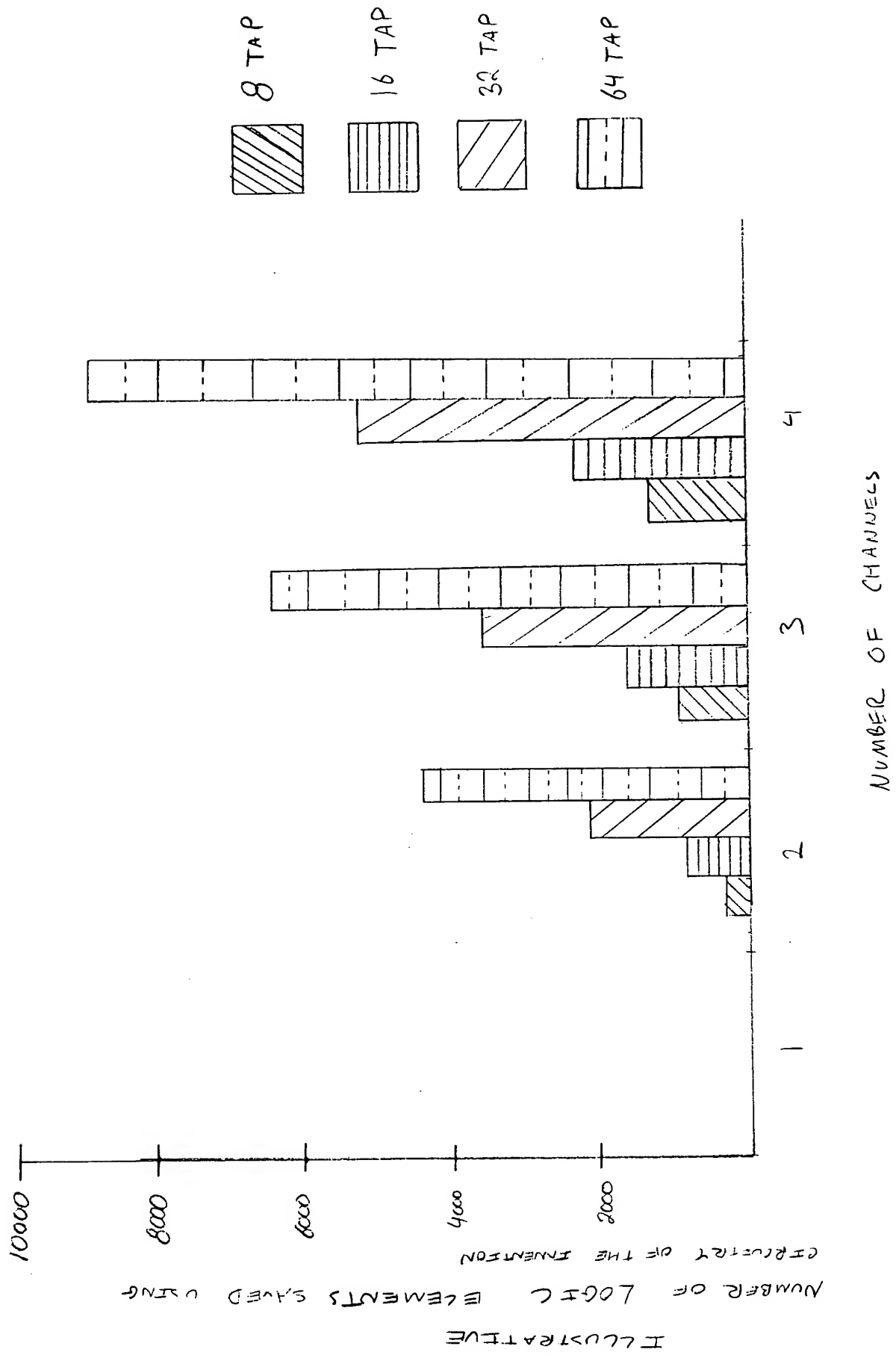


FIG. 5

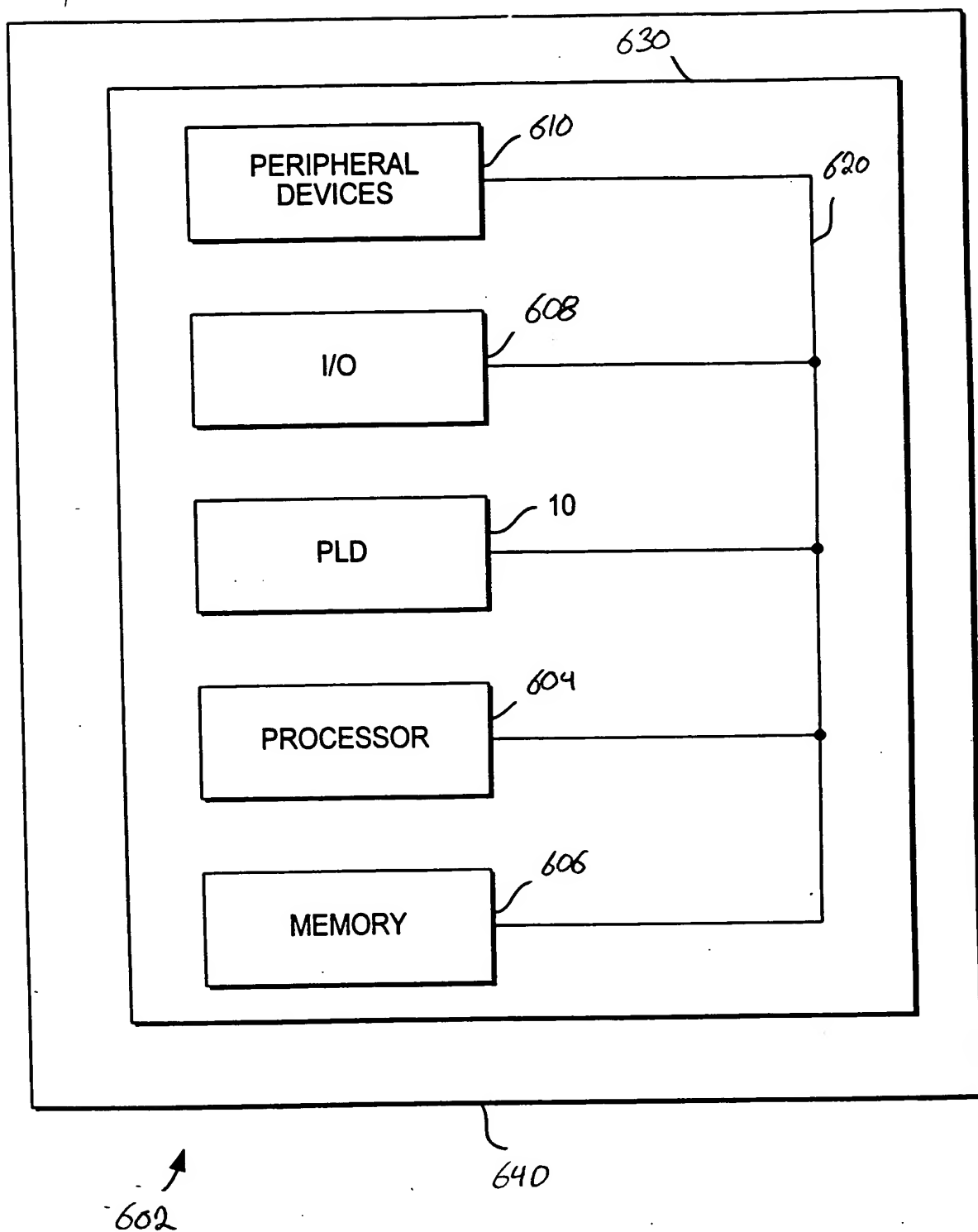


FIG. 6